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NEW SOVIET GAS, REFRIGERATION EQUIPMENT;
PRODUCTION OF FOOD INDUSTRY MACHINERY

DEVELOP NEW GAS ALARM -- Leningradskaya Pravda, 12 Feb 53

The Leningrad Scientific Research Institute of the Academy of Municipal Services imeni K. D. Pamfilov has developed a new instrument, a gas alarm, which was designed by I. A. Kuz'min, engineer, and V. M. Rogozin, mechanic. The instrument is intended for installation in rooms with gas equipment. With the presence of a minimum amount of gas in the air (up to 0.02 percent), the instrument signals by means of a bell which does not stop ringing until the gas leak has been eliminated. An experimental series of gas alarms will be produced in 1953.

NEW PRODUCTS FOR THE GAS ECONOMY -- Kiev, Pravda Ukrainy, 17 Jan 53

The Kiev Gazpribor Plant has begun production of so-called safety automatics. They are small instruments sensitively reactive to gas leakage.

Another new product put out by the plant is a water heater designed by scientific associates at the Institute for Gas Utilization of the Academy of Sciences Ukrainian SSR. These heaters are exceptional for their simplicity and better quality. Less nonferrous metal is required for their manufacture.

NEW GAS EQUIPMENT -- Moscow, Vechernyaya Moskva, 18 Feb 53

The Moscow Iskra Plant of the Mosgormestprom Trust will begin series production of a new-type gas heater in 1953. Experimental models of this unit have shown good results.

The production of equipment for conversion to gas heating of restaurants, bakeries, hospitals, etc., is being set up.

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Plant specialists are reviewing methods of cutting metal into blanks and are examining allowances for machining parts which will make it possible to save more than 10 tons of ferrous and nonferrous metal in 1953.

NEW TEMPERATURE-REGULATING UNIT FOR WINTER AND SUMMER -- Minsk, Sovetskaya Belorussiya, 5 Feb 53

To fill an order of the construction workers of the Main Turkmen Canal, an original unit has been designed at a laboratory of the Leningrad Institute of the Refrigeration and Dairy Industry. The unit can either cool or heat residential homes. In winter, the condenser of the unit is replaced by a boiler. Hot water is conducted from the boiler to special panels which heat the rooms. In summer, after simple automatic adjustments, cold water will be fed to these panels. Thus, the room temperature can be easily regulated in either summer or winter.

EXCEEDS 1952 PLAN FOR REFRIGERATORS -- Riga, Sovetskaya Latvija, 1 Jan 53

The Riga Kompressor Plant produced 290 refrigerators above plan in 1952.

NEW MACHINE LINES FOR FOOD INDUSTRY -- Moscow, Moskovskaya Pravda, 24 Jan 53

The Scientific Research Institute of Food Machine Building has designed two types of machine lines for dairy combines. Both lines are equipped with mechanisms for washing, filling, and capping milk bottles. The productivity of the first line is 7,000 bottles per hour.

The production of condensed milk has also been mechanized. An aggregate, attended by only two workers, washes the iron containers, fills them with milk, and vacuum seals them. It also pastes labels on the containers. It puts out 60 containers of condensed milk per minute.

At present, associates at the institute are testing a new automatic line for the manufacture of cans for the canning of fish. It consists of a number of mechanisms and will process 300 cans per minute.

PUT OUT PRODUCTS FOR FOOD INDUSTRY -- Yerevan, Kommunist, 20 Jan 53

The Kirovakan Machine Building Plant puts out the following types of products: cream-ageing (slivkoso-zrevatel'nyy) vats, automatic hog feeders, presses for making casein, and worm reduction gears.

NEW AGGREGATES FOR FOOD INDUSTRY -- Riga, Sovetskaya Latvija, 13 Feb 53

The Batumi Machine Building Plant imeni Beriia has shipped seven aggregates of new design to Moscow and Leningrad tobacco factories.

In 1952, the plant mastered the production of 19 new machines and aggregates for enterprises of the food industry. Aggregates for automatically weighing and packing tea have been manufactured for tea-weighing factories.

The plant has started series production of an aggregate, designed by Sh. Mardaleysvili, for wilting tea leaves.

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INSTRUMENT FOR CUTTING LARGE OLEAGINOUS CROPS -- Kishinev, Sovetskaya Moldaviya,
12 Feb 53

Members of the Moldavian Branch of the All-Union Scientific Engineering and Technical Society of Millers have designed a new laboratory device for cutting soybeans. It consists of a set of parallel knives fastened to a lever. As the lever is pressed, the blades cut the soybean into particles. This operation takes only one minute, as compared with 25-40 minutes when performed by hand.

The device eases the labor and decreases the time consumed by laboratory workers at procurement points and oil mills in determining the moisture content of large oleaginous crops, especially during the season of mass procurement of soybeans.

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